

## NH Public Utilities Commission

## REC Aggregator Portal

NH-PUC 27APR16 11:45

New Users [CLICK HERE](#) to setup your account for this form. Creating an account enables you to partially complete the form and return later to finish it or to make changes after the form is submitted. Be sure to create your account **BEFORE** entering information into the form, or the information will be lost.

Existing Users [CLICK HERE](#)

## Basic Information

Who is submitting this request?

☒ Aggregator

Aggregator Batch Number

KE042116

Are you registered in NH

- ☒ Yes  
☐ No

Aggregator name

Knollwood Energy - 14625

NH Reg #

Aggregator Email

karenton@knollwoodenergy.com

Other Aggregator name

Other aggregator email address

Facility Name

Facility Owner Name

Donald F Holm

Facility Owner email

dfholm@gmail.com

Owner Phone

603-569-3096

Facility Address

336 Kings Highway

Facility Town/City

New Durham

Facility State

NH

Facility Zip

03855

Is the facility address the same as the owner's mailing address

- ☐ Yes  
☒ No

Mailing Address

36 Center St 260

Mailing Town/City

Wolfeboro

Mailing State

NH

Mailing Zip

03894

Primary Contact

Karen Tenneson

Primary Contact

Facility Primary Contact

karenton@knollwoodenergy.com

Other Email Address

## Facility Information

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Class

Utility

Other Utility Name

To obtain a GIS ID contact:

James Webb

408 517 2174

jwebb@apx.com

GIS ID (include "NON")

Date of Initial Operation

Facility Operator Name, if applicable

Panel Make #1

Panel Model

Panel Quantity

Panel Rated Output

More Panel types?

- ☒ No  
☐ Yes

Panel Make #2

Panel Model

Panel Quantity

Panel Rated Output

More Panel types?

- ☒ No  
☐ Yes

Panel Make #3

Panel Model

Panel Quantity

Panel Rated Output

System capacity based on panels

Inverter Quantity

Inverter Make

Add'l Inverter Quantity

Additional Inverter Make

Rated Output - Primary Inverter

250

Rated Output - Additional Inverter

System capacity based on single inverter make

8250

System capacity based on two inverter types

System capacity in kW as stated on the interconnection agreement

8.25

Revenue Grade Meter Make

Irton Centron

Was this facility installed directly by the customer (no electrician involved)?

- ☐ Yes  
☒ No

Electrician Name & Number

Kim Frase4146M

Other Electrician Name & Number

Installation Company

Frase Electric, LLC

Other Installation Company Name

Other Inst. Company Address

Other Inst. Company City

Other Inst. Company State

Other Inst. Company Zip

Independent Monitor Name & Company

Paul Button - Energy Audits Unlimited

Other Monitor Name and Company

Is the installer also the equipment supplier?

- ☒ Yes  
☐ No

Equipment Vendor

Please attach your completed interconnection agreement including Exhibit B.

[https://fs30.formsite.com/jan1947/files/f-5-99-6607645\\_tlh19yYq\\_Holm\\_COC.jpg](https://fs30.formsite.com/jan1947/files/f-5-99-6607645_tlh19yYq_Holm_COC.jpg)

The project described in this application will meet the metering requirements of PUC 2506 including:

Electricity generation in megawatt hours shall be reported to the GIS quarterly with a statement that the submission is accurate by the owner of the source, the independent monitor or a designated representative.

A revenue quality meter is used to measure the electricity generated.

The facility owner has certified to the independent monitor that the meter operates according to manufacturing standards.

The meter shall be maintained according to the manufacturer's recommendations.

The project is installed and operating in conformance with applicable building codes.

A copy of the facility's interconnection agreement is attached.

Please attach additional document here

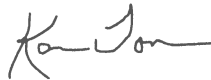
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Aggregator statement of accuracy

Sign your name using a mouse or, if you are using a touch-screen device, a stylus or other pointer.



Print Name

Karen Tonnesen

Date Signed

04/21/2016

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE  
INTERCONNECTION STANDARDS FOR INVERTERS  
SIZED UP TO 100 KVA (Continued)

Exhibit B - Certificate of Completion for Simplified Process Interconnections

Installation Information:

☐ Check if owner-installed

Customer or Company Name (print): Donald F & Virginia Gail Holm

Contact Person, if Company:

Mailing Address: 36 Center St #260

City: Wolfeboro State: NH Zip Code: 03894

Telephone (Daytime): 803 569 3596 (Evening): same

Facsimile Number: E-Mail Address: dfg@psn.com

Address of Facility (if different from above): 336 Kings Highway

City: New Durham State: NH Zip Code: 03855

Generation Vendor: FRASE ELECTRIC LLC Contact Person: Kim Frase

I hereby certify that the system hardware is in compliance with Puc 900.

Vendor Signature: [Signature] Date: 12/23/14

Electrical Contractor's Name (if appropriate): Frase Electric LLC

Mailing Address: 724 Wheeler Hwy

City: Dover State: NH Zip Code: 03824

Telephone (Daytime): 204-6618 (Evening): 204-6618

Facsimile Number: 204-6613 E-Mail Address: kim@fraseelectric.com

License number: 4146-H

Date of approval to install Facility granted by the Company: 12/23/14 Installation Date:

Application ID number: N3272

Inspection:

The system has been installed and inspected in compliance with the local Building/Electrical Code of

(City/County)

Signed (Local Electrical Wiring Inspector, or attach signed electrical inspection): [Signature]

Name (printed): Kim Frase

Date: 12/23/14

Customer Certification:

I hereby certify that, to the best of my knowledge, all the information contained in this Interconnection Notice is true and correct. This system has been installed and shall be operated in compliance with applicable electrical standards. Also, the initial start up test required by Puc 905.04 has been successfully completed.

Customer Signature: [Signature] Date: 12-19-2014

[Signature] 12-19-2014



RECEIVED

DEC 09 2014

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE  
INTERCONNECTION STANDARDS FOR INVERTERS  
SIZED UP TO 100 KVA

SESD

## Simplified Process Interconnection Application and Service Agreement

PSNH Application Project ID#: 113272**Contact Information:**

Legal Name and Address of Interconnecting Customer (or, Company name, if appropriate)

Customer or Company Name (print): Donald F Holm, V Gail Holm

Contact Person, if Company: \_\_\_\_\_

Mailing Address: 36 Center St 260City: WolfeboroState: NHZip Code: 03894-4324Telephone (Daytime): 603 569 3096(Evening): 603 520 6944 cellFacsimile Number: \_\_\_\_\_ E-Mail Address: dholm@gmail.com**Alternative Contact Information** (e.g., System installation contractor or coordinating company, if appropriate):Name: Fase Electric LLCMailing Address: 789 Whittier HwyCity: So. TamworthState: NHZip Code: 03883Telephone (Daytime): 603 284-6618(Evening): 284-6618Facsimile Number: 284-6343 E-Mail Address: Kim@faseelectric.com**Electrical Contractor Contact Information** (if appropriate):Name: Same as above

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_

Zip Code: \_\_\_\_\_

Telephone (Daytime): \_\_\_\_\_ (Evening): \_\_\_\_\_

Facsimile Number: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

**Facility Site Information:**Facility (Site) Address: 336 Kings Highway ✓City: New DurhamState: NHZip Code: 03855

Electric

Service Company: PSNHAccount Number: 56691190003 ✓Meter Number: G57841274 ✓

Account and Meter Number: Please consult an actual PSNH electric bill and enter the correct Account Number and Meter Number on this application. If the facility is to be installed in a new location, please provide the PSNH Work Request number.

PSNH Work Request # \_\_\_\_\_

**Non-Default Service Customers Only:**

Competitive Electric

Energy Supply Company: \_\_\_\_\_ Account Number: \_\_\_\_\_

(Customer's with a Competitive Energy Supply Company should verify the Terms & Conditions of their contract with their Energy Supply Company.)

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE  
INTERCONNECTION STANDARDS FOR INVERTERS  
SIZED UP TO 100 KVA

Simplified Process Interconnection Application and Service Agreement

**Facility Machine Information:**

Generator/ Inverter Manufacturer: ENDPHASE ✓ Model Name & Number: 250-60-240 ✓ Quantity: 33  
Nameplate Rating: .25 (kW) 125 (kVA) 240 (AC Volts) Phase: Single ☒ Three ☐

Nameplate Rating: *The AC Nameplate rating of the individual inverter.*

System Design Capacity: 8125 (kW) 8125 (kVA) Battery Backup: Yes ☐ No ☒

System Design Capacity: *The system total of the inverter AC ratings. If there are multiple inverters installed in the system, this is the sum of the AC nameplate ratings of all inverters.*

Net Metering: If Renewably Fueled, will the account be Net Metered? Yes ☒ No ☐

Prime Mover: Photovoltaic ☒ Reciprocating Engine ☐ Fuel Cell ☐ Turbine ☐ Other ☐

Energy Source: Solar ☒ Wind ☐ Hydro ☐ Diesel ☐ Natural Gas ☐ Fuel Oil ☐ Other ☐

**Inverter-based Generating Facilities:**

UL 1741 / IEEE 1547.1 Compliant (Refer To Part Puc 906 Compliance Path For Inverter Units, Part Puc 906.01 Inverter Requirements)

Yes ☒ No ☐

The standard UL 1741.1 dated May, 2007 or later, "Inverters, Converters, and Controllers for Use With Independent Power Systems," addresses the electrical interconnection design of various forms of generating equipment. Many manufacturers choose to submit their equipment to a Nationally Recognized Testing Laboratory (NRTL) that verifies compliance with UL 1741.1. This term "Listed" is then marked on the equipment and supporting documentation. *Please include, any documentation provided by the inverter manufacturer describing the inverter's UL 1741/IEEE 1547.1 listing.*

**External Manual Disconnect Switch:**

An External Manual Disconnect Switch shall be installed in accordance with 'Part Puc 905 Technical Requirements For Interconnections For Facilities, Puc 905.01 Requirements For Disconnect Switches and 905.02 Disconnect Switch.'

Yes ☒ No ☐

Location of External Manual Disconnect Switch: By Net meter ✓

Project Estimated Install Date: 12/15/14

Project Estimated In-Service Date: 12/24/14

**Interconnecting Customer Signature:**

I hereby certify that, to the best of my knowledge, all of the information provided in this application is true and I agree to the **Terms and Conditions for Simplified Process Interconnections** attached hereto:

Customer Signature: Donald F. [Signature] Title: owners Date: 11/24/2014

**Please include a one-line and/or three-line diagram of proposed installation. Diagram must indicate the generator connection point in relation to the customer service panel and the PSNH meter socket. Applications without such a diagram may be returned.**

**For PSNH Use Only**

**Approval to Install Facility:**

Installation of the Facility is approved contingent upon the Terms and Conditions For Simplified Process Interconnections of this Agreement, and agreement to any system modifications, if required.

Are system modifications required? Yes ☐ No ☒ To be Determined ☐

Company Signature: Michael Motta Title: SR. ENGINEER Date: 12.9.14

### New Hampshire PUC REC Certification Application Owner Statements

The information provided on this application for New Hampshire Renewable Energy Certificate eligibility is accurate to the best of my knowledge and I authorize Knollwood Energy to act on my behalf in filing said application.

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The meter shall be maintained according to the manufacturer's recommendations.

The project is installed and operating in conformance with applicable building codes.

A copy of the facility's interconnection agreement is attached.

DONALD F. HOLM  
Printed Name of signature owner

Donald F. Holm  
Signature of system owner

Start

Click here to sign

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I agree to the [Terms of Use](#) and [Consumer Disclosure](#) of this document